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CLAIMS

- A fluid distribution and control valve, comprising 1. a valve body (1) defining four internal zones (3, 5 13, 15) which are each connectable to an external fluid circuit via a respective fluid passage (4, 6, 14, 16), and a mobile structure (2) which can be moved into at least four positions in selectively establish a 10 to communication between two of these zones and to isolate each of the two other zones, a first (3) of said zones being connectable to a user fluid circuit (U) and being able to be selectively brought into communication with each of the three 15 other zones (5, 13, 15) depending on the movement of the mobile structure (2).
- The valve as claimed in claim 1, characterized in 2. that it comprises a second zone (13) and third 20 zone (15) which are connectable, respectively, to first and second sources $(S_1; S_2)$ of pressurized fluid in order to supply the user fluid circuit (U) sequentially.
- The valve as claimed in claim 2, characterized in 3. that it comprises a fourth zone (5) which is connectable to a vent circuit (25).
- The valve as claimed in one of the preceding 30 4. claims, characterized in that the mobile structure (2) is connected to a positioning servomotor (23).
- The valve as claimed in one of the preceding 5. claims, characterized in that the mobile structure 35 is a slide (2) sliding in partition walls (7, 8, 11, 12) which delimit the different zones (3, 5, 13, 15).

- 6. The valve as claimed in claim 5, characterized in that it has an internal architecture symmetrical with respect to a center plane perpendicular to the slide (2).
- The valve as claimed in claims 3 and 6, characterized in that the first zone (3) and fourth zone (5) are arranged in the center plane, on either side of the slide (2).

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- 8. The valve as claimed in claim 7, characterized in that it comprises a pair of intermediate chambers (9; 10) in permanent communication (21; 22) with the first zone (3).
 - 9. An onboard system for delivering respiratory gas to a passenger, comprising a valve as claimed in one of the preceding claims.

10. The system as claimed in claim 9 in its relation to claims 2 through 8, characterized in that the sources of pressurized fluid are a main oxygen source (S₁) and an emergency oxygen source (S₂).